

#### ABSTRACT OF THE DISCLOSURE

A transmission device for introducing optical radiation into the ear, including an optical wave guide which connects a light source to an ear holder, which includes a first transition piece, preferably elbow-shaped, in which the end area of the optical wave guide is maintained, and a retaining bar which can be introduced into the transition piece and bent in such a manner that the outlet of the optical wave guide can be positioned on the ear. A second transition piece, which is conically tapered on the inside and which is at least partially used as a focus bushing for the laser beam is provided in order to inject optical, preferably laser, radiation into the optical wave guide. The optical wave guide is positioned in the second transition piece such that the focus area of the laser beam produced in the focus bushing is disposed directly in front of the inlet of the optical wave guide.